

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** MARK ZOLLER ET AL.

**Serial No.:** Divisional of 10/179,373  
Filed June 26, 2002

**Group Art Unit:**

**Filed:** December 3, 2003

**Examiner:**

**Title:** RECOMBINANT METHODS FOR EXPRESSING A FUNCTIONAL  
UMAMI (T1R1/T1R3) TASTE RECEPTOR

**Customer No. 23911**

Confirmation No.

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, kindly cancel all original claims 1-193 and insert the following claims 194-233. The claims are all directed to methods of co-expression of T1R1 and T1R3 nucleic acid sequences in a recombinant host cell. As disclosed in the subject application, the resultant heteromeric T1R1/T1R3 taste receptor functions as a umami taste receptor and responds specifically to umami taste stimuli and umami taste modulatory compounds.

A new Title is identified on page 10.

Amendments to the specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 4 of this paper.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 12 of this paper.

**IN THE TITLE:**

Please delete the current title and substitute the following

**TITLE**

- Recombinant Methods for Expressing A Functional Umami (T1R1/T1R3)  
Taste Receptor -